LABDEX

Forced Air Drying Oven LX100FDO

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Description

Forced Air Drying Oven LX100FDO is designed with a forced convection system for rapid and uniform drying. Its digital LED display and PID microcomputer temperature controller ensure accurate and intelligent temperature management. Built for safety and durability, the oven features a heat-resistant handle, a mirror-finished stainless steel inner chamber, and a 304 stainless steel outer chamber with high-quality rock wool insulation. A fan switch and high-temperature blast motor provide optimal airflow and performance.

Specifications

Volume	30 L
Chamber dimension (W x L x H)	310 x 310 x 310 mm
Cycle mode	Forced convection
Temperature range	RT+10-300℃
Temperature resolution ratio	0.1℃
Temperature motion	±1℃
Temperature uniformity	±2.5%
Internal chamber material	Mirror stainless steel
External shell material	304 Stainless steel
Insulation layer	High quality rock wool board
Heater	Stainless steel heater
Exhaust hole	φ35mm top (with function of test hole)
Temperature control mode	Two temperature section PID intelligent

Display	Digital LED display
Timer	0-9999 min (with timing wait function)
Sensor	PT100
Maximum number of shelf	5
Load per shelf	15 Kg
Shelf space	40 mm
Power rating	0.8 kW
Power supply	AC220V 50-60Hz
External dimension (W x L x H)	450 x 500 x 690 mm
Net weight	35 Kg
Packing dimension (W x L x H)	540 x 580 x 860 mm
Gross weight	45 Kg

Features

- Forced air convection system for high efficiency and uniform temperature distribution
- PID controller with over-temperature protection for precise and safe operation
- New anti-hot handle designed for safe handling
- Digital independent temperature limiter with over-temperature sound and light alarm
- Built-in PT100 temperature sensor
- Additional functions include sensor deviation correction, temperature overshoot

self-tuning, internal parameter locking, and power-off parameter memory

- Operating modes: fixed temperature operation, timer function, and automatic stop

Applications

- Used in industry, drying, laboratories and scientific research for desiccation, wax-melting and sterilization.

Standard Accessories

- Shelf x 2 Pcs
- Shelf frame x 4 Pcs

Optional Accessories

- Spare shelf

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